

ABSTRACT OF THE DISCLOSURE

A translatory actuator unit including a translatory actuator module that moves an object straightly, a force sensor that detects a load applied to the translatory actuator module, and a servo control module that controls a speed, a position and/or output power of the translatory actuator module. The translatory actuator module, the force sensor and the servo control module are integrally configured. The servo control module has a two-way network means of receiving a control command concerning the speed, the position and/or the output power from a network, and transmitting information of the speed, the position and/or the output power to the network, a control means of controlling the speed, the position and/or the output power, and a self-diagnosis means of confirming safety and detecting an abnormal state based on detected information of the speed, the position, the load, and/or an electric current of the translatory actuator module.